

RC(O)O⁻; and T is one or more counteranions present in a number y, where y is an interger to obtain a charge-balanced salt; and/or mixtures thereof.

3. A detergent composition according to claim 2 comprising said metal bleach catalyst and further comprising a peroxygen source.

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4. A composition according to claim 3 wherein the metal bleach catalyst is present in an amount of from 1ppb to 10% by weight of total composition.

5. A detergent composition according to claim 1 wherein said diacyl peroxide is selected from the group consisting of dibenzoyl peroxide, benzoyl glutaryl peroxide, benzoyl succinyl peroxide, di(2-methyl benzoyl) peroxide, and/or mixtures thereof.

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7. A detergent composition according to claim 1 wherein said diacyl peroxide is comprised in a particle; said particle comprising from 1-80% by weight of said particle of diacyl peroxide, from 0.01-95% by weight of said particle of a water soluble stabilising additive.

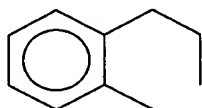
9. A detergent composition according to claim 4 wherein said diacyl peroxide is dilauroyl peroxide.

10. A detergent composition according to claim 1 wherein said diacyl peroxide is comprised at a level of from 0.01% to 20% by weight of the composition.

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11. A detergent composition according to claim 10 wherein the diacyl peroxide is incorporated into a particulate and said particle is comprised at a level of from 0.1% to 30% of the total composition.

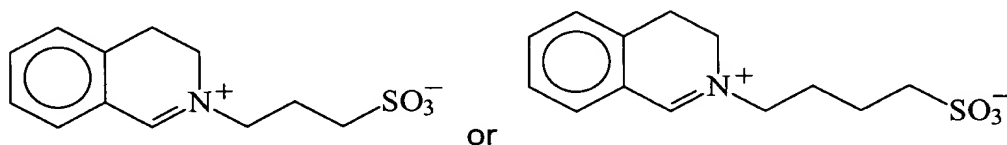
12. A detergent composition according to claim 1 wherein said bleach booster is selected from the group consisting of aryliminium zwitterions, aryliminium polyions having a net negative charge of from -1 to -3; and/or mixtures thereof.

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14. A detergent composition according to claim 13 wherein R¹ and R² together form the non-charged moiety:



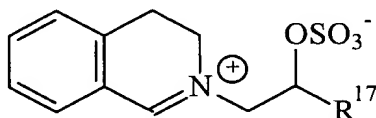
15. A detergent composition according to claim 14 wherein said bleach booster is an aryliminium zwitterion and R^3 is H, T is $-(CH_2)_b-$ or $-CH_2(C_6H_4)-$, Z is $-SO_3^-$, a is 1 and b is from 2 to 4.

- a4 16. A detergent composition according to claim 15 wherein said bleach booster is an aryliminium zwitterion having the formula:



- pub 19. A detergent composition according to claim 18 wherein said bleach booster is an aryliminium zwitterion and R^3 is H, Z is $-OSO_3^-$, a is 1.

20. A detergent composition according to claim 19 wherein said bleach booster is an aryliminium zwitterion having the formula:



where R^{17} is selected from the group consisting of H and linear or branched C_1 - C_{18} substituted or unsubstituted alkyl.

- a5 21. A detergent composition according to claim 1 wherein said bleach booster is comprised at a level of from 0.01% to 10% by weight of the total composition.

22. A detergent composition according to claim 21 wherein said peroxygen source is comprised at a level of from 0.01% to 60% by weight of the total composition.

- pub 23. A detergent composition according to claim 22 wherein said peroxygen source comprises a preformed peracid compound selected from the group consisting of percarboxylic acids and salts, percarbonic acids and salts, perimidic acids and salts, peroxy monosulfuric acids and salts, and/or mixtures thereof; a hydrogen peroxide source, a bleach activator and/or mixtures thereof.

